

~~ORIGINAL~~

Application No.

81879

E

**APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC
WATERS OF THE STATE OF NEVADA
FOR ENVIRONMENTAL PURPOSES**

THIS SPACE FOR OFFICE USE ONLY

MAY 11 2012

Date of filing in State Engineer's Office

MAY 16 2012

Returned to applicant for correction

Corrected application filed Map filed

The applicant Tropicana East Shopping Center c/o Tina M. Walls, Esq.

8861 W. Sahara Avenue, Suite 220

of Las Vegas

Street Address or PO Box

City or Town

Nevada 89117

State and ZIP Code

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association give names of members.)

Limited Partnership which was organized with the State of Nevada on June 15, 1987.

1. The source of the proposed appropriation is shallow groundwater, approx. 25 feet below ground surface

Name of stream, lake, spring, underground or other source

2. The amount of water applied for is 0.387 second feet.

One second foot equals 448.83 gallons per minute

(a) If stored in reservoir, give number of acre-feet NA

3. Remediation Order or Letter (attach copy)

(a) Issued by Nevada Division of Environmental Protection (NDEP)

(b) Order, Permit or Plan number H-000748

(c) Date issued July 24, 2009

4. The water is to be diverted from its source at the following point:

SW ¼ SW ¼ Section 24, T 21 S., R. 61 E., M.D.B.&M., approximately 765 feet east-northeast from the SWC of Section 24

Describe as being within a 40-acre subdivision of public survey, and by course and distance to section corner. If on unsurveyed land, it should be so stated.

212-02

5. Place of use:

SW ¼ SW ¼ Section 24, T 21 S., R. 61 E., M.D.B.&M., approximately 765 feet east-northeast from the SWC of Section 24

Describe by legal subdivision. If on unsurveyed land, it should be so stated.

6. Use will begin about January 1 and end about December 31 of each year.
Month and Day Month and Day

7. Description of proposed works.

4-inch diameter drilled groundwater wells equipped with a submersible pumps will divert the groundwater to the surface treatment works. The extracted water will pass through aboveground vessels containing granular activated carbon for filtration of the contaminants. After passing through the vessels, the treated water will be discharged via PVC piping to a concrete lined stormwater channel located approximately 100 feet west of the diversion point.

State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.

8. Estimated cost of works \$250,000 - \$500,000

9. Estimated time required to construct works

One month to a year.

If well completed, describe works.

10. Remarks: Describe project

Initially, a pilot pumping test for a groundwater pumping well will be conducted that will generate approximately 5,000 to 25,000 gallons of water over a period of 8 to 24 hours that will be stored in frac tanks on the site for treatment with granular activated carbon and air sparging prior to discharge to the storm drain. Once the results of the pilot pump testing are evaluated, the final extraction and treatment system by granular activated carbon system will be constructed, with the approval of the NDEP Corrective Actions case officer. After installation, the permanent groundwater extraction, treatment, and discharge system will be operated on a 24-hour basis. Estimated flow from the extraction system is 250,000 gallons per day. Temporary shutdowns of the system may be required for maintenance or equipment failure. After treatment, the extracted groundwater will be discharged to a concrete-lined stormwater drainage channel, approximately 100 feet west of the diversion point, that eventually drains to Las Vegas Wash.

(702) 898-0000

Phone Number

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E-mail

**APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT**

By



Signature, applicant or agent

Ms. Tina M. Walls, Esq., Agent

Name

8861 West Sahara Avenue, Suite 220

Street Address or PO Box

Las Vegas, NV 89117

City, State, ZIP Code

RECEIVED
2012 MAY 11 AM 10:00
STATE ENGINEERS OFFICE

\$150 FILING FEE MUST ACCOMPANY APPLICATION